

Sub B52

Sub 1. A method of manufacturing a magnetic recording medium comprising the steps of:

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2. The method as claimed in claim 1, wherein said lubricant is a compound of the perfluoro-polyether with an end-group including piperonyl or hydroxyl group.

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3. A method of manufacturing a magnetic recording medium comprising the steps of:

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b) repeating a process to said protection

layer of amorphous carbon comprising an application process of applying a lubricant, an subsequent heat treatment process, and a subsequent washing process for removing said lubricant which is not connected to said protection layer of amorphous carbon plural times.

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4. The method as claimed in claim 3, wherein said lubricant is a compound of the perfluoro-polyether with an end-group including hydroxyl group.

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5. A method of manufacturing a magnetic recording medium comprising the steps of:

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a) laminating an underlayer, a magnetic layer for recording, and a protection layer of amorphous carbon on a substrate of said magnetic recording medium in turn; and

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b) repeating a process to said protection layer of amorphous carbon comprising an application process of applying a lubricant, and a subsequent ultraviolet rays treatment process plural times.

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6. The method as claimed in claim 5, wherein said lubricant is a compound of the perfluoro-polyether with an end-group including piperonyl or hydroxyl group.

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7. A method of manufacturing a magnetic recording medium comprising the steps of:

a) laminating an underlayer, a magnetic layer for recording, and a protection layer of amorphous carbon on a substrate of said magnetic recording medium in turn; and

b) repeating a process to said protection layer of amorphous carbon comprising an application process of applying a lubricant, and a subsequent heat treatment process plural times.

8. The method as claimed in claim 7, wherein said lubricant is a compound of the perfluoro-polyether with an end-group including hydroxyl group.

9. A magnetic recording medium having a lubricant layer comprising bonding sub-layer on a surface of said magnetic recording medium and manufactured by a process comprising the steps of

a) laminating an underlayer, a magnetic layer for recording, and a protection layer of amorphous carbon on a substrate of said magnetic recording medium in turn; and

b) repeating plural times a process to said protection layer of amorphous carbon comprising an application process of applying a lubricant which is a compound of the perfluoro-polyether with an end-group including piperonyl or hydroxyl group, and a subsequent ultraviolet rays treatment process, or
b) repeating plural times a progress to said

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